

Abstract of the Disclosure

The present invention provides a method and apparatus for improving transmission of control information within a network device and between multiple connected network devices. Specifically, a control path is included within a network device that is independent of the data path and dedicates control path resources to each distributed processor within the network device. Dedicating resources insures that each processor has sufficient bandwidth on the control plane to transmit control information at high frequencies. This may prevent starvation of data transmissions during periods of high control information transfers and may also reduce the likelihood of further spreading of control information storms when one or more network devices in a network experiences a failure.

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